

Claims

- [1] A double-faced adhesive tape dispenser comprising: a case body (10) in the form of a gun having an open top and a receptor (10a) to receive an adhesive tape (20) therein;
- a cover (12) provided above the case body (10);
- a connecting means (300) to connect a lower end of the cover (12) and a upper end of the case body (10);
- a locking means (600) to prevent the cover (12) from being released from the case body (10);
- a drawing means (50) including a trigger (15) protruded through an opening (14) of the case body (10), and a pair of drums (16) rotated by pulling the trigger (15) with a finger and in contact with a bottom surface of the adhesive tape (20) to draw out the adhesive tape (20);
- a cutting means (500) including an operating button (31) mounted on a surface of the cover (12), a lever (32) operated by moving the operating button (31) and connected to an elastic member (400), and a cutter (30) provided at a front end of the lever (32) and having a blade (33) to cut the adhesive tape (20) which has been drawn out by the drawing means (50); and
- a guide means (100) provided above the drums (16) to be in contact with a top surface of the adhesive tape (20) and to guide withdrawal of the adhesive tape (20) in the case body (10).
- [2] A double-faced adhesive tape dispenser as claimed in claim 1, wherein the connecting means (300) comprises protrusions (10b) provided along an internal periphery of the open top of the case body (10) and also comprises inlet grooves (10c) and holding grooves (10d) provided at corresponding positions to fit to the protrusions (10b) along a lower periphery of the cover (12).
- [3] A double-faced adhesive tape dispenser as claimed in claim 1, wherein the locking means (600) comprises a button (10j) movable in a guide hole (10g) formed on the cover (12) and a locking piece (10i) integrally formed with the button (10j), and a gap (10h) in which the locking piece (10i) can move is formed between an internal end of the cover (12) and a guider (18), which is integrally formed with the cover (12) on its lower internal surface.
- [4] A double-faced adhesive tape dispenser as claimed in claim 1, wherein the cutting means (500) comprises an operating button (31) mounted on an external surface of the cover (12) and having prominences on a bottom surface thereof;
- a movable latch (73) having a protrusion (75) loosely fitted between the prominences of the operating button (31) and having a mouth (74);

a lever (32) including a hanging part (36) to be inserted in the mouth (74), hinge pins (95) on which the lever (62) axially rotates, fitting grooves (32a) formed on a bottom surface, and pillars (80) protruded at an end opposite to the hanging part (36);

a cutter (30) having holes (81) to which the pillars (80) are fitted and movable up and down by the lever (32);

a pressing part (34) to press and support the adhesive tape (20) and having a guiding piece (35) integrally extended therefrom in the form of a clip to move up and down the cutter (30) fitted in the clip; and

an elastic member (400) including a connecting jaw (32c) on which the pressing part (34) hangs, fitting jaws (32f) connected with the fitting grooves (32a), and a supporting extension (32e) in the form of a thin panel to elastically press and support a top surface of the lever (32).

[5] A double-faced adhesive tape dispenser as claimed in claim 1, wherein the guide means (100) comprises a pair of guide rollers (110) provided below the lever (32) with a predetermined interval therebetween and a belt (120) mounted on the guide rollers (110) in consideration of a position in contact with a top surface of the adhesive tape (20).

[6] A double-faced adhesive tape dispenser as claimed in claim 5, wherein a discharge roller (140) is provided in front of the guide rollers (110), and a guide panel (200) is further provided above a lower part of the belt (120).